

Appl. No. 10/028,118
Amendment and/or Response
Reply to Office action of 17 May 2005

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Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A light polarizing device comprising:
a polarizing element having an optically transparent substrate,
~~an environmentally a corrosion sensitive~~ polarizing element on the substrate,
and
an optically transparent cover sheet sealed to the substrate and forming a sealed enclosure surrounding the polarizing element, wherein
the enclosure ~~having~~ includes a non-reactive atmosphere to protect the polarizing element from ~~the ambient environmental conditions~~.
2. (Currently amended) ~~The light polarizing device of claim 1 in which~~ A device comprising:
a polarizing element having an optically transparent substrate,
an environmentally sensitive polarizing element on the substrate, and
an optically transparent cover sheet sealed to the substrate and forming a sealed enclosure surrounding the polarizing element,
wherein:
the enclosure includes a non-reactive atmosphere to protect the polarizing element from the ambient environment, and
the polarizing element is includes a wire-grid polarizing element.
3. (Currently amended) A light polarizing device comprising:
an optically transparent substrate, ~~an environmentally a corrosion sensitive~~ polarizing element on the substrate, an optically transparent cover sheet, a plurality of spacers distributed around ~~the a~~ periphery of the device and supporting the cover sheet on the substrate above the element, sealant extending around the periphery of

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the device between the substrate and the cover sheet, and non-reactive atmosphere filling the interior space between the substrate and the cover sheet and protecting the environmentally-corrosion sensitive polarizing element.

4. (Currently amended) The light polarizing device of claim 3, in which the polarizing element is-includes a wire-grid polarizing element.

5. (Withdrawn) A sealable housing for use in a sub-assembly for a display device, the sealable housing comprising triangular top and bottom portions and three face portions extending between the top and bottom portions to form a wedge-shaped enclosure, the face portions comprising mounting apertures for optical elements.

6. (Withdrawn) The sealable housing of claim 5 in which the three face portions are rectangular.

7. (Withdrawn) The sealable housing of claim 6 in which the top and bottom portions are right triangles each having two short sides and a long side, respectively.

8. (Withdrawn) A sub-assembly for a display device comprising a sealable housing having first, second and third mounting apertures, a light polarizing element having an environmentally sensitive active surface, the light polarizing element sealed into the first aperture, a light modulator panel sealed into the second aperture and a lens sealed into the third aperture.

9. (Withdrawn) The sub-assembly of claim 8 in which the sealable housing comprises triangular top and bottom portions and first, second and third rectangular face portions extending between the top and bottom portions to form a wedge-shaped enclosure, the first, second and third mounting apertures being located in the first, second and third rectangular face portions, respectively.

10. (Withdrawn) The sub-assembly of claim 9 in which the top and bottom portions

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are right-triangles having two short sides and a long side, and the first face portion extends between the long sides of the top and bottom portions.

11. (Withdrawn) The sub-assembly of claim 10 in which the polarizing element is a wire-grid polarizer.

12. (Withdrawn) The sub-assembly of claim 8 in which the light modulator panel is a reflective liquid crystal light modulator panel.

13. (Withdrawn) The sub-assembly of claim 8 in which the lens is a projection lens.

14. (New) The device of claim 2, wherein
the enclosure includes triangular top and bottom portions and three face portions extending between the top and bottom portions to form a wedge-shaped enclosure, the face portions comprising mounting apertures for optical elements.

15. (New) The device of claim 14, wherein the three face portions are rectangular.

16. (New) The device of claim 15, wherein the top and bottom portions are right triangles each having two short sides and a long side, respectively.

17. (New) The device of claim 14, including a light modulator panel, and a lens, wherein:

the polarizing element is sealed into the aperture of the first face,
the modulator panel is sealed into the aperture of the second face, and
the lens is sealed into the aperture of the third face.

18. (New) The device of claim 17, wherein the top and bottom portions are right-triangles having two short sides and a long side, and the first face portion extends between the long sides of the top and bottom portions.

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19. (New) The device of claim 17, wherein the light modulator panel is a reflective liquid crystal light modulator panel.

20. (New) The device of claim 17, wherein the lens is a projection lens.